



# Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12

Volume 3, No. 48

OAK RIDGE, TENNESSEE

Wednesday, December 14, 1949

## SAFETY SCOREBOARD

Your Plant Has  
Operated  
173 DAYS  
Without A Lost Time  
Accident  
THROUGH DEC. 11

## Employees Of Y-12 Again Work 1,500,000 Man-Hours Without Loss Of Time Because Of Disabling Accident, But Goal Set Even Higher

The big whistle boomed out its deep-throated roar as usual at 4:30 p.m. last Tuesday, December 6—and Y-12ers whose work was done for the day headed for the portals—and home. It was just another day of safe operations in Y-12, the 168th in succession.

However, during that day Y-12 employees had amassed a total of 1,500,000 man-hours of work without a lost time

accident—and it was the second time this feat had been accomplished. Just about one year ago—December 22, 1948, in fact—Y-12ers also had worked that number of man-hours without a disabling mishap and earned the handsome Company plaque now on display at the North Portal. So—Y-12ers have done it again.

This time Y-12ers are taking the record in stride—it is just another milestone along the path of safety with the next immediate goal being to excel the approximately 2,850,000 man-hours worked without an accident causing loss of time from work that was reached on April 26, 1949. At that time 246 days had passed without such an accident.

### Present Accident-Free Period Began May 31

The present accident-free period began last May 31 and spurred on by the realization that Y-12 has been recognized as one of the safest industrial plants in the nation in which to work the trend is expected to continue indefinitely. The Y-12 reputation and record has been established by employees who take pride in a job well done—and that means carefully done by observing the plant safety procedures and rules and not taking chances or short cuts on any work assignment.

Additional Company recognition will be given Y-12 employees for reaching the 1,500,000 man-hour milestone for the second time as a service bar will be presented the plant to attach to the bottom of the bronze plaque commemorating the previously unbroken string of accident-free days.

### Second Achievement Within One Week

Attainment of the mark last week was the second time within a short period that the Y-12 safety accomplishments brought notice. On Wednesday, November 30, the plant was awarded the National Safety Council Distinguished Service to Safety Award for reduction of frequency and severity of accidents in 1948 from the previous year. The award is the top citation presented by the National Safety Council.

At the time, W.G. Johnson, representative of the National

Safety Council, pointed out that Y-12 employees have a safety record that is better than 99 out of 100 plants outside of Oak Ridge and attributed that success to physical conditions of safety through good design and proper maintenance, thorough training in the proper ways to perform various jobs and the desire to eliminate accidents on the part of every supervisor and every employee in the plant.

### "Safety Everybody's Business"

So the slogan "Safety Is Everybody's Business" is being carried on by Y-12ers, some of whom, as Johnson pointed out, might be absent, hospitalized or even dead were it not for the efforts put forth to comply with the principles of the plant safety program by everyone.

The present trend of accident-free days also demonstrates that all Y-12 employees realize that accidents anywhere hurt everybody. Not only is the employee himself injured, but the mishap also affects his family, the Company and the community at large.



Y-12 Photos By Vince Moore

PHOTOS OF A FRUSTRATED PHYSICIAN—A MAN OF MEDICINE WITHOUT PATIENTS—he looks up the street from the Y-12 Dispensary—then down the street—but still no patients. Then Dr. Paul D. Scofield, Y-12 Medical Director, just sits in the sun in rear of the Dispensary in pensive thought. This "no business" trend, the good doctor decided, is just the result of Y-12 employees calmly going about their work without a disabling injury for 1,500,000 man-hours—and he is thoroughly in favor of same.

## 500 YOUNGSTERS MAY ATTEND Y-12 XMAS PARTY DECEMBER 21

### Social Security Tax Increases January 1

In past years the Company has deducted from pay checks one per cent of all pay of its employees for the Federal Social Security Tax. In addition to this deduction, the Company also has contributed an equal amount to this tax.

However, beginning January 1, 1950, the law provides that a deduction of one and one-half per cent of all salaries and wages be made for the Social Security Tax. In other words, on the same amount of pay, the deductions to begin in January will be half again as large as the deductions made in 1949 and previous years.

Since the Social Security Tax applies to both employees and the Company, the taxes for this purpose paid by the Company also are increased.

As in the past, the new one and one-half per cent Social Security Tax will apply only to the first \$3,000 earned in 1950. Here is a comparison of the annual Social Security Tax paid by employees in 1949 and what will be paid in 1950:

Annual Salary	1949 Tax	1950 Tax
\$2,000	\$20.00	\$30.00
\$2,500	\$25.00	\$37.50
\$3,000 or more	\$30.00	\$45.00

### STRICT GUARD NEEDED

The Omaha World-Herald quotes Dr. Siegfried W. Wantup, of the University of California, as saying that even if atomic power is ultimately applied to civilian needs, the United States still must maintain strict guard over its dwindling natural resources.

### Friday Deadline To Get Tickets For Fun-Fest At Ridge Theater

Have all you Y-12 Pops and Moms obtained tickets for your youngsters to attend the big Christmas party for children to be given by the Recreation Office at the Ridge Theater next Wednesday morning? If not, you had better get a move on—for the deadline for filing applications for the tickets is Friday, December 19—this coming Friday, in fact. It is necessary to establish this deadline so that all tickets can be placed in the mail in ample time to reach all homes before the day of the party and enable every youngster of a Y-12er to attend the affair.

More than 300 tickets already have been issued by the Recreation Office for the party and the inevitable last minute rush is expected to bring the number of tickets to around 500.

Recreation Supervisor Arnold Tiller has urged that any parent who has applied for tickets and who does not receive them within five days after filing the application to immediately communicate with the Recreation Office, North Portal, so that they may be assured of obtaining the tickets.

### Last Chance To Apply

The application blank for tickets to the children's party appears in this issue of The Y-12 Bulletin for the last time—so any Y-12ers who want their youngsters to attend the party—which, of course, is absolutely free—and who have not requested the tickets—do so at once. The application blank is on Page Two.

More than one hour of fun will be offered the youngsters at the party. The theater, at Broadway and Georgia Ave., will open at 9:40 o'clock Wednesday morning, December 21. Festivities will begin promptly at 10 o'clock and will include carol singing, some cartoon movies featuring all the popular characters and then a visitation from Santa Claus with a Christmas

(Continued on Page 4)

### Pay Days Before Christmas Advanced As Convenience

As a Christmas convenience to all Y-12 employees, pay days immediately preceding the holidays will be advanced.

Employees on the monthly payroll will receive their December pay checks on Tuesday, December 20, instead of on December 26, the usual pay day. Weekly salaried and hourly employees will receive their checks on Thursday, December 22, instead of Friday, December 23.

### Dr. Kinzle Visited Y-12 Last Tuesday

Dr. Augustus B. Kinzle, vice president of Union Carbide and Carbon Corporation Research Laboratory and also of the Electro Metallurgical Corporation, was a visitor in the Y-12 last Tuesday, December 6. He spoke that night at a meeting of the Oak Ridge Chapter of the American Society for Metals.

### Three Newcomers Top Major League Standing

Three newcomers took over the top positions in the Major League attendance standings for the week ending December 4 while nine departments in the Minor League reported perfect attendance records for the same period. The plant absentee mark as a whole jumped .3 per cent from the record-breaking low figures of 1.7 per cent set for the preceding two consecutive weeks to show an even two per cent of the plant personnel absent for the week ending December 4.

The Field Maintenance Department jumped from fifth place in the Major League standing to first for the week ending December 4 with an even one per cent absenteeism. The Electromagnetic Research Laboratory, fourth the preceding week, took over second place with an absentee mark of 1.19 per cent. In third place was the Chemical Research Department with an absentee record of 1.22 per cent and which was in eighth place the previous week.

Eight of the nine Minor League departments with perfect attendance records for the week ending December 4 were repeaters from the preceding week, when a record-breaking number of 15 departments came through with all employees present. The eight repeaters were Receiving and Shipping, Employee Relations, Fire Department, Superintendents, Maintenance Utilities, Chemical, Medical and Plant Engineering. Advancing from second place held the previous week was Cafeteria and

(Continued On Page 2)

### CHRISTMAS, NEW YEAR HOLIDAYS OBSERVANCE GIVES LONG WEEK ENDS

That series of long week-end holidays enjoyed by Y-12ers during the past year because of the quirk of the calendar bringing Memorial Day, Fourth of July and Christmas all on Sundays, will be broken with the end of this year. Monday, December 26, will be observed as the regular Christmas holiday and Monday, January 2, will be observed as the New Year holiday. As usual, only those employees required to maintain operation and protection of the plant will be required to work on those days.



# Y-12 Bulletin

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GEORGE W. DOBBS . . . Editor

## OFFICE

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## Chorus To Give 'The Messiah' Thursday Night

One of the outstanding musical events of the season in Oak Ridge will be presented at 8:15 o'clock Thursday night at the high school auditorium when the Community Chorus will offer Handel's great oratorio, "The Messiah." More than 100 voices, including those of a number of Y-12 members of the choral group, will appear.

John Krueger, instructor in theory and composition at the University of Tennessee is director of the chorus and will wield the baton. Mrs. Clarence Schuske, wife of a Y-12er, will be the organist and Edwin Ferguson will be the pianist for the occasion. Soloists include Mrs. Joe Lee, Mrs. Harold Vayhinger, Miss Anna Cebart, Robert V. Maier and Carl L. Noe.

Admission from 7:45 p.m. to 8:05 p.m. will be free to persons holding tickets distributed without cost at the Music Box from December 10 through today. After 8:05 p.m. the doors will be opened to the public.

The Rev. Richard I. Porter will deliver the invocation and benediction at the concert.

## New Road To Cut Distance From Y-12 To West Village

Y-12ers living in the West Village section of Oak Ridge beyond Illinois Ave. will be provided a more direct route with the saving of approximately one mile of driving to and from the plant when the new West Circulatory Road is completed by the Atomic Energy Commission. Bids on this proposed highway will be open January 10, 1950, by the AEC and 270 calendar days allowed for completion of the project. The new road will link Scarboro Road and Illinois Ave.

Meanwhile, a new road is being constructed by the AEC from Vermont Ave. at the Oak Ridge Turnpike southeast of the Municipal Market to connect with Scarboro Road near the Outdoor Theater.

Scarboro Road will be closed some time in the future from a point north of the Outdoor Theater to the Oak Ridge Turnpike to make room for the new central business development.

The thing worse than a quitter is the man who's afraid to begin.

## Naval Research Officer Pays Visit To Y-12

Capt. J. B. Pearson, United States Navy, deputy chief of the Office of Naval Research, paid Y-12 a visit recently while on a tour of Oak Ridge facilities of the Atomic Energy Commission.

Captain Pearson was taken on a tour of Y-12 by Dr. C. E. Larson, Y-12 Superintendent; Dr. E. D. Shipley, Director of Research and Development; Dr. C. P. Keim, Superintendent of the Isotope Research and Production Department; R. O. Hutchison, of the Materials Laboratory and a lieutenant, junior grade, in the Naval Reserve; St. George Tucker Arnold of the Atomic Energy Commission and Paul J. Hagelston, Supervisor of the Materials Laboratory.

Hutchison has been on active duty during a nuclear energy symposium being conducted by the Oak Ridge Institute of Nuclear Studies under sponsorship of the Office of Naval Research.

Captain Pearson expressed considerable interest in the high temperature work being done in the Materials Laboratory and the isotope research and production program in Y-12.

## Contemporary Composers Join Bach On Listening Program

Francis Poulenc and Serg Prokofieff, two outstanding contemporary composers, will be featured with Johann Sebastian Bach on the program of the Oak Ridge Music Listening Group at 8 p.m. Thursday night in the East Lounge of the Ridge Recreation Hall.

Poulenc, a Frenchman, will be represented on the program with the Mass in G Minor, the opening number. The second number will be Bach's Double Violin Concerto in D Minor with Yehudi Menuhin and George Enesco as soloists with the Paris Symphony directed by Pierre Monteux. The Cantata Alexander Nevsky by the modern Russian composer, Prokofieff, will conclude the program. This work was recorded by the Philadelphia Philharmonic Orchestra under Eugene Ormandy, assisted by the Westminster Choir with Jennie Tourel as soloist.

The December 22 Music Listening Group Program will be a complete recording of Handel's Messiah. This will be followed on December 29 and January 5 by a two-part presentation of Mozart's Don Giovanni.

## Lavers And Duncan Elected By Club

The board of directors of the Oak Ridge Golf and Country Club recently reelected W. D. Lavers, of Y-12, as president of the organization. H. D. Duncan, also of Y-12, was elected vice president of the club and Robert Dustin, of K-25, was named secretary.



6-1015

Y-12 Photos By Vince Moore

CAPT. J. B. PEARSON, U.S.N., THIRD FROM LEFT, IS pictured on a recent visit to Y-12. Others in the picture from left are Dr. C. P. Keim, Superintendent of the Isotope Research and Production Department; R. O. Hutchison, Y-12 Materials Laboratory employee and a lieutenant, junior grade in the Naval Reserve; Dr. C. E. Larson, Y-12 Superintendent; P. J. Hagelston, Supervisor of the Materials Laboratory; and Dr. E. D. Shipley, Director of Research and Development.



How many more shopping days before Christmas? Not enough, brother, if you already haven't done your holiday buying.

Here's a thought for the holidays—there are quite a few of our folks confined in the Oak Ridge Hospital for one reason or another. How about dropping up and paying them a visit. Some may be there over Christmas.

The Manufacturing Offices Division extends sympathy to Irene Turner on the death of her mother-in-law. . . . Get well wishes are extended to Y-12 Cashier T. A. Williams, who underwent an operation last week at the Oak Ridge Hospital.

Phyllis Finneran, of the Plant Records Office, showed the sights of Oak Ridge recently to David Staples and Bob Linton, visitors from Sarnia, Ontario.

Edith Zarzecki, of Isotope Research and Production, visited Jodie Brown, of Medical, last week end in Viola, Tenn. . . . They planned to drop over to Shelbyville to visit Margaret Keys, a former Y-12er. . . . The department wishes a speedy recovery to Dr. J. Rand McNally who recently underwent an appendectomy at the Oak Ridge Hospital. . . . Get well wishes also are extended to R. B. Roseberry, who is ill.

L. H. Barker, of Superintendents, is vacationing at home in Oak Ridge. . . . Mary Lou Pate was ill several days last week with a bad cold.

Capt. C. S. Huffman and Lieut. J. A. Harris, of the Y-12 Fire Department, are vacationing in West Tennessee this week and catching up on their duck hunting.

In the Pearl Harbor Day roundup last week we had Recreation Supervisor Arnold Tiller at the wrong—durn it—dam. He was at Cherokee instead of Douglas as we were happily told by many friends that Douglas Dam at that time was not even a grain of sand in

TVA's concrete mixers.

John S. Reece and H. M. McLeod, of Chemical Research, have returned from a meeting of the American Institute of Chemical Engineers at Pittsburgh, Pa. . . . M. J. Fortenberry is vacationing in Oak Ridge. . . . C. C. Haws went deer hunting at Tellico Plains with a party of friends while on vacation and had a lot of fun—but no deer.

Lots of you Y-12ers are planning big Christmas parties for your youngsters at home. Probably you will take some pictures of the small fry having fun with their Christmas toys—and what is more fun than to witness that sight. Well, if you get some good pictures—how about bringing or sending them to The Y-12 Bulletin for publication. Last year we had several appealing and interesting pictures of such activities.

Mrs. William C. Tunnell, wife of W. C. Tunnell, of Research Engineering, has been elected Deputy Girl Scout Commissioner for Oak Ridge.

Evelyn (better known as Fiz) Tucker, of the Y-12 Cafeteria and Canteens Department and one of the city's outstanding roller skaters, has been elected vice president of a group of girl skaters who call themselves the Roller Capettes.

Russell Raulston, of Property, is dividing his vacation time between his home at Strawberry Plains, Tenn., and Paoli, Ind.

J. D. Price, of the Y-12 Security Office, is vacationing at home in Oak Ridge and doing his Christmas shopping. . . . W. T. Hays, of the same group, was scheduled to return from vacation Monday to hold down the fort.

The Guard Department extends sympathy to Elijah Woods over the recent death of his mother at Coalfield, Tenn.

The Medical Department and many other Y-12ers are wishing for a speedy recovery of Daisy Whitehead, that typical and lovable old-fashioned Southern darky who is a maid at the Dispensary.

## INFORMED YOUTH URGED

Wesley Funk, assistant manager of Idaho operations for the Atomic Energy Commission, is reported in a recent story in the Idaho Falls Post-Register as saying that unless American youth is informed about atomic energy the democracy of the United States is in danger.



The following Y-12 employees were patients in the Oak Ridge Hospital recently: James R. McNally and Philip W. Rueff, Isotope Research and Production; Ruth E. Hounshell, Product Chemical; Karl W. Mercner, Janitors; Thomas A. Williams, Manufacturing Offices; Hazel M. Tompkins, Stores; and Daisy F. Whitehead, Medical.

## Three Newcomers Top Major League Standing

(Continued From Page 1)

Canteens to report "all present" and join the other eight.

Second and third places in the Minor League for the week ending December 4 were held by two departments that dropped down from the first-place tie the preceding week. The second place department was the Laundry, with 1.3 per cent of its personnel absent while in third place was Uranium Control and Computing with an absentee mark of 1.4 per cent.

The Y-12 absentee record for the week ending December 4, by departments, follows:

MAJOR LEAGUE			
More than 50 Employees Scheduled			
Dept.	Absent Percentage	Standing	12-4-49 11-27-49
2015	1.0	1	5
2320	1.19	2	4
2300	1.22	3	8
2091	1.3	4	2
2003	1.4	5	1
2014	1.8	6	6
2616	2.0	7	7
2077	2.1	8	3
2142	2.6	9	9
2282	3.9	10	12
2360	4.1	11	11
2283	5.6	12	10

Group absentee percentage was 2.3 per cent, .3 per cent higher than the preceding week.

MINOR LEAGUE			
15-49 Employees Scheduled			
Dept.	Absent Percentage	Standing	12-4-49 11-27-49
2143	0.0	1	1
2109	0.0	1	1
2093	0.0	1	1
2200	0.0	1	1
2005	0.0	1	1
2619	0.0	1	1
2090	0.0	1	1
2060	0.0	1	1
2107	0.0	1	2
2096	1.3	2	1
2739	1.4	3	1
2002	2.17	4	1
2608	2.22	5	1
2270	2.3	6	3
2001	3.0	7	5
2743	3.1	8	4
2183	5.2	9	1
2140	5.7	10	1
2009	6.3	11	1

Group absentee percentage was 1.5 per cent, .7 per cent higher than the preceding week.

The plant average for the week ending December 4 was two per cent, .3 per cent higher than the preceding week.

## New Regulations To Relieve North Portal Congestion

To relieve traffic congestion in the North Portal driveways, parking will be restricted to official use only, effective Thursday morning of this week.

Parking in this area, in front of the section occupied by the Recreation Office, Safety Office, Badge and Pass Department and Housing Office will be limited to government-owned vehicles, privately-owned automobiles when used inside of the Y-12 plant area on official business and visiting cars owned by persons who have business to conduct during the day in Y-12. Cars must be properly parked at an angle in this section under the new regulations.

Signs designating the new parking area will be erected the first part of this week before the new regulations go into effect Thursday.

## Week-End Cafeteria Service In Y-12 Is Discontinued

Because the small number of employees working on Saturdays and Sundays in Y-12 does not warrant keeping the plant cafeteria open on those days, the dining facilities will be closed from 4:30 o'clock Friday afternoons until 7 o'clock Monday mornings, effective December 16. No meals, sandwiches or other food will be sold at the cafeteria over week ends after this date.

As a result of this closing, it has been suggested that employees working on week ends in the future make arrangements to bring lunches from home or other plans to obtain food.

## PRISON GROUP ROBBED

A United Press news story from Milwaukee reports that someone stole the book, "Alcatraz Island Prison," from a display at a convention of the American Prison Association.

## Application For Tickets To

### Christmas Party For Children Of Y-12 Employees Two To Ten Years, Inclusive

EMPLOYEE'S NAME \_\_\_\_\_ BADGE NO. \_\_\_\_\_

HOME ADDRESS \_\_\_\_\_

NUMBER OF TICKETS NEEDED, If parent included, please indicate here \_\_\_\_\_

### -Children's Names-

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_  
4. \_\_\_\_\_ 5. \_\_\_\_\_ 6. \_\_\_\_\_

Please return this form, properly filled out, immediately to the Y-12 Recreation Office, North Portal. Required number of tickets will be mailed to parents at their HOME ADDRESS.



# CARDS, ROBINS PLAY TWIN-BILL ON THURSDAY



NO, KIDDIES, THIS ISN'T Rudolph, the Red-Nosed Reindeer, but a very deceased deer of ordinary lineage that was brought to earth by L. N. Stewart, of Receiving and Shipping, on a recent safari with a party of huntsmen near Tellico Plains. Any of you other Y-12 hunters bringing back photographic evidence of your marksmanship are invited to submit the pictures for publication in The Y-12 Bulletin.

## Y-12 To Place Two Quintets In New League

In addition to the varsity men and women cagers in the Oak Ridge City League, Y-12 will be represented by two quintets in the Oak Ridge Recreation League, a Class B group of teams, when that loop begins play next Monday night, December 19. The move to place two teams in the Recreation League was made when it was found that there would not be enough teams available for a plant league this season.

### Ford, Grimes Head Teams

Ralph Ford and Warren Grimes are the pilots of the two Y-12 Class B teams, which will draw strength from squads previously planning to enter plant league competition. Many of the players on the teams were members of the Bldg. 9212 and Calutrons teams in the plant league last year.

Neither team has selected a name as yet, but this matter and the personnel of the outfits will be announced in next week's edition of The Y-12 Bulletin.

Any basketball players in the plant who have not yet signed up with either of these teams and wanting to try out are urged to communicate with the managers or the Recreation Office, North Portal, telephone 7-8252. No players performing with a City League team is eligible to perform on the Class B teams.

### Games Set At Jefferson

A schedule for opening night's games in the new loop was not available last week but will be announced as soon as possible. Games will be played at the old gymnasium of the Jefferson Junior High School on Monday and Thursday nights, the number of games each night depending on number of teams in the league.

In addition to the two Y-12 teams present tentative plans for the league call for two teams from the Oak Ridge National Laboratory, one from the AEC and one representing the Barber Motor Co.

## Reece Urges Y-12ers To Join ACS Body

John Reece, of the Chemical Research Department in Y-12, has been appointed by the East Tennessee Section of the American Chemical Society as membership chairman for the plant. He has urged all Y-12 chemists and chemical engineers or others qualified for membership in the ACS to join the organization. He may be reached at Phone 7404, Bldg. 9206, for full information on qualifications, application blanks and other data.

## Girls Meet ORNL Lassies, Men Play Fairchild; Y-12 Cage Fans Urged To Support Plant Teams

Y-12 basketball fans will get their first chance of the season to see both of the plant varsity teams in action on home hardwood Thursday night when the Robins and Cardinals meet the Oak Ridge National Laboratory women and the Fairchild men respectively at the Oak Ridge High School gymnasium. The women's game is scheduled to get underway at 7:15 o'clock with the men beginning hostilities at 8:30 o'clock. It's all for free—too—and the players deserve the support of plant rooters in their engagements.

### Cardinals Break Even In First Two Contests

The Cardinals broke even in their first two appearances of the season. They defeated ORNL in the opener by the score of 32 to 30 in a fine exhibition Monday night, December 5. However, they fell by the wayside against a suprisingly strong Southern Bell Telephone Co. quintet last Friday night, the Bell boys banging out a 42 to 26 victory.

The Robins made their debut of the season Monday night when both the girls and boys teams invaded Clinton for a double-header.

### Fans Promised Good Entertainment For Support

The Company sponsored teams have been entered in the Oak Ridge City League this season for the entertainment of the Y-12 fans. The Recreation Office believes that both the Cardinals and Robins will make a good showing and provide a colorful exhibition every time they step on the court. For that reason it is urged that sports-loving fans turn out and root for the wearers of the red and white. A good rooting contingent with faith in their players many times has pulled athletic teams to victory against odds.

In trouncing the ORNL Nationals the Y-12 men's varsity team displayed speed and ability all the way. The Cards took a 9 to 5 lead at the quarter but were behind at the half, 16 to 15. The last half was nip and tuck all the way with the Cardinals ahead, 26 to 24, at the three-quarter pole and holding the two-point lead the rest of the way out. Bob Claxton led the Y-12 scoring with 16 points, while George Oliphant poured six through the nets. Miller got four tallies. Robertson and Howard two each and Wright and Hopper single counters.

Against Southern Bell, however, it was a different story. The phone fellows led by 10 to 3 at the quarter pole but Y-12 pulled to within two points at the half and were trailing by only 17 to 15. The victors held a 27 to 21 lead at the end of the third period and Y-12 battled gamely to hold that margin of six points with only two minutes and 40 seconds to go as the Bell team led by 32 to 26. By that time the Bell quint decided to turn on the heat and at the same time the Cardinals began to tire and in that remaining time the winners tallied eight points to none for Y-12. Oliphant led Y-12 scorers with eight points, followed by Hopper with six, Miller four, Howard three, Wright and Robertson two each and Sherrod one.

## Women Bowlers Of Y-12 Beat R-A In Loop

The Y-12 keglerettes finally got a break in the scoring columns last Thursday night in the Oak Ridge Women's City League and came away with a two out of three game victory over the Roane-Anderson women bowlers. The Y-12 lassies eased to a 706 to 654 win in the first game, dropped the second by 684 to 632 but rallied to take the last encounter by the narrow margin of 625 to 620. In total scores Y-12 barely edged out their opponents, 1,963 to 1,958.

Olyne Poindexter led the Y-12 women to victory with scores of 157, 145, 144—446, followed by Margaret O'Neal 167, 124, 114—405; Katie Williams 129, 133, 132—394; Ruth Law 128, 111, 124—363; and Katherine Hoskins 125, 101, 110—336.

The Y-12ers will meet Crowe and O'Connor this week.

### League standing follows:

Team	W	L	Team	W	L
ORNL	29	10	R-A	21	18
Tulip Town	27	12	C. & O.C.	18	21
Mims	25	14	Knox B'print	14	25
Morat	23	16	Y-12	14	25
Norris	23	16	Fairchild	10	29
K-25	22	17	Atomizers	8	31

## Men's Varsity Bowling Team Rallies To Tie Labsters

The Y-12 men's varsity bowling team rallied from two previous unlucky dates on the alleys when on the night of December 5 they managed to divide four points with the strong Oak Ridge National Laboratory keglering kids. The Y-12ers did it the hard way, too, dropping two games to the Labsters but outscoring their foes in total pinnage.

## Underdogs Have Night In D League Bowling

On a night for the underdogs to have their day the Isotopes bowling team of the D League whittled the Splinters for three out of four points to take over the loop leadership from the Strikers in alley activities December 6. The Old Men, meanwhile, hopped off their crutches and struck the Strikers for three points to knock their opponents off the top rung of the ladder.

The cellar-dwelling Angstroms also got into the act of upsetting their foes as they took the Materializers for three points. In the other match the Overheads took the hard-hitting Termites for three points.

Paul Wilkinson led the Isotopes to their victory by scoring a 240 handicap single game, tops for the night, and a 601 handicap series. Paul Dunn's fine 196 scratch game also contributed to the win. Harold Ratjen led the Splinters in scoring their only point. George Nessle's 606 handicap series, also tops for the night, helped the Old Men to oust the Strikers, as did John Schmitt's 611. Incidentally, the Old Men's 2,823 handicap series score was the best of the night.

Koons, Naive and Hemphill paced the Overheads' attack on the Termites and the team's 1,002 handicap single game was tops for the session. For the Termites Gragg had a 512 series, Cobble 496, Banic 470 and Savage 461, all scratch scores, and the team as a whole took scoring honors with an 821 scratch single game and 2,368 scratch series—but yet they lost.

The Angstroms finally were able to take advantage of their improved bowling to maul the Materializers as Southern, Burkhardt and Spitzer led the winners in handicap scoring and Griffin had the best scratch scores. Carl Frazier's bowling kept the Materializers in the running.

### League standing follows:

Team	W	L	Team	W	L
Isotopes	8	4	Termites	6	6
Overheads	7	5	Old Men	6	6
Strikers	7	5	Materializers	5	7
Splinters	6	6	Angstroms	3	9

Line scores showed Y-12 scoring 762, 930, 784-2,476 and 854, 754, 852—2,460 for ORNL, the extreme variance in scoring being one of the features of the match. Ernie Cobble again led the Y-12 pinmen with 146, 211, 168-525; followed by Conrad Roberts, 180, 179, 153-512; Frank Gragg 150, 186, 145-481; Elmore Koons 123, 193, 165-481; and Nelson Tibbatts 163, 161, 153-447.



5-9959  
"SHUSH—SHUSH, DON'T MENTION IT," WARNED Mabel Tyer, Desma Hutchison and Evelyn (Fiz) Tucker, back row, of the Kemps bowling team in the Y-12 women's plant league, after the girls apparently had had one of their very infrequent bad nights on the hardwood. Meanwhile, in front, Mozelle Kennedy and Katherine Hoskins seem to take it even harder, as they prepare to mop their brimming eyes. Maybe it was mostly in fun, however, for take a peek at the gleam in Mozelle's eyes. Last Thursday night the Kemps took the second place Dodgers for two out of three points and had a firm hold on third place.

## SPORTS NEWS

## Bumpers Take Lead As Mules Are Mauled

The Bumpers swept into the second-round lead of the B League of plant pinmen last Thursday night by taking four straight points from the One-91 keggers while the Mules dropped down from the lead to third place by losing three points to the Comets. In other matches the Cubs conked the Rippers for four points, the Head Pins took three from Maintenance, the All Stars socked the Tigers for three and the Bums came out on top over the Wolves by the same score.

Frank Thurman, of the Bumpers, contributed greatly to his team's cause by grabbing a scratch single game of 208, the second round high score, which was boosted to a 246 with handicap. However, Charlie Green, of the Cubs, got the best handicap single game of 246 and best handicap series of the night with 623. Frank Gragg, of the Wolves, posted the best scratch series with a 518.

The Wolves and Bumpers divided team scoring honors, the Wolves getting the best scratch game while the Bumpers took the best handicap tallies. The Wolves got an 861 scratch single game and 2,371 scratch series, the 861 being tops for the second round. The Bumpers rolled a 1,012 handicap single game and 2,824 handicap series, both being the best of the round so far.

### League standing follows:

Team	W	L	Team	W	L
Bumpers	7	1	Bums	4	4
Cubs	6	2	Comets	4	4
Head Pins	5	3	One-91	3	5
Mules	5	3	Wolves	3	5
All Stars	5	3	Rippers	1	7
Maintenance	4	4	Tigers	1	7

## Conant Optimistic Over Universities

Dr. James B. Conant, president of Harvard University, is quoted by the San Francisco Examiner as saying he has no fears that universities of the nation are turning into just big technical schools. Dr. Conant believes some persons have that view, but it is because the country turned to the universities in time of war for trained minds to produce such weapons as the atomic bombs as well as many other defense devices.

## C Pin Loop Shuffled; Short Circuits Sweep

The C League bowling race was tossed into a state of utter confusion last Wednesday night, when the clubs shuffled the standings considerably. The shifts came principally as the result of the splendid showing of the Short Circuits, long-time basement occupants, who rose up on their hind legs and shot the juice to the Hooks for a four-point victory. This match not only gave the Short Circuit lads a peep at daylight from their still last-place position, but ousted the Hooks from their previous tie for first place to a tie for third and fourth spots with the Guards.

### Orphans Take First Place

While all this was going on, the Orphans, tied with the Hooks the previous week for top spot in the standings, walloped the Thin Pins for four points to take undisputed possession of first place. Then the Hurricanes came along and blew over the Moles for four to jump up into the sole ownership of second place in the loop. The Guards got stung for three points by the Hornets, a victory that allowed the Hornets to climb nearer the first division.

During all this fireworks, Allen Townsend, of the Hurricanes, got in his best licks of the season and monopolized all scoring honors for the night. He based his achievements on a 219 scratch single game, which he boosted to 259 with handicap and also used to accumulate a 532 scratch series and 652 handicap series. In posting these scores Townsend topped all season's records for the league.

### Townsend's Scores Aid Team

Townsend's individual performances aided the Hurricanes to take all team honors in the night's alley activities. They got a 778 scratch single game, 987 handicap game, 2,204 scratch series and 2,851 handicap series.

### League standing follows:

Team	W	L	Team	W	L
Orphans	31	13	Hornets	21	23
Hurricanes	28	16	Moles	16	28
Hooks	27	17	Thin Pins	14	30
Guards	27	17	Short Circuits	12	32

### FLAT EGG REPORTED

A Memphis, Tenn., minister is reported to have found an egg that won't roll. The United Press story reported the Rev. W. E. Ragsdale found the one-sided egg at his farm.

**More Sport News  
On Page Four**



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Y-12 Photos By Vince Moore

SEVERAL Y-12ERS WERE AMONG THE BIG CROWD that welcomed Dr. Linus Pauling, president of the American Chemical Society, to a meeting of the East Tennessee Section of the ASC at the Oak Terrace on November 30. In the top picture from left are Dr. Pauling, Dr. C. P. Keim and C. D. Susano, of Y-12; Fred Griffiths, of Maryville College and chairman of the East Tennessee Section; and Paul J. Hagelston, of Y-12. In the top picture on the far side of the table are a group of Y-12 scientists, beginning at second from right and going to right are C. D. Susano, Dr. E. D. Shipley, Boyd Weaver, Dr. William Smith, of Duke University; and G. W. Keilholtz, of Y-12. On the near side of the table are Roger Hibbs, W. D. Harmon and Herbert Gwinn, also Y-12ers.

## Additions To Y-12 Technical Library

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## BUSINESS

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STATISTICAL TECHNIQUES IN MARKET RESEARCH. R. Ferber. First edition. N. Y., McGraw, 1949. HF 5415; F 346.

UNIVERSITY HANDBOOK FOR RESEARCH AND REPORT WRITING. E. S. M. Gatner and F. Cordasco. Ann Arbor, Michigan, Edwards Brothers, 1947. PE 1478; G 261.

## Portugal Reported With New Product

Portugal now has a new "vital radioactive by-product" that is "so secret it does not have an official name," according to a recent report in the London Empire News. The paper reports that Great Britain has concluded a secret agreement with Portugal for the entire output of the new product and claims that Portuguese Premier, Dr. Antonio Salazar, played an important role in the negotiations.

## Fred H. Haggerson, President Of Union Carbide, Is Awarded 1949 Medal For Advancement Of Research By Metals Society

One of the country's top research honors has been presented to Fred H. Haggerson, President of Union Carbide and Carbon Corporation, New York. The award, the 1949 Medal for the Advancement of Research, was presented at the recent annual banquet of the American Society for Metals, held at Cleveland, Ohio.

## Tribute Paid To Lab People

Mr. Haggerson was cited as an outstanding example of an industrial leader who has advanced technological progress in broad fields of the metal industries to the ultimate benefit of the consuming public. In accepting the award, Mr. Haggerson paid tribute to the hundreds of people in Union Carbide's research laboratories, whom, he said, were responsible for the achievements mentioned. He also praised industry for its research accomplishments, but said that the forces that made these achievements possible were not too well understood by the general public.

"This is a subject which I feel has a challenge for all of us," he declared before the 700 business and technical executives present at the dinner. "You gentlemen know only too well how the research efforts of your good companies have helped raise our American standard of living. Every day you see examples of how the wonderful developments of your laboratories have helped bring the comforts and conveniences of life within the reach of everyone. And you know that the work now going on in your laboratories means even better things tomorrow for



Fred H. Haggerson

the people of our country and of the world."

"Research, and I mean scientific industrial research, stems largely from privately endowed institutions and the laboratories of industry, both of which are a part of our free enterprise system—the American business system," he said. "The cost could not be met nor the inspiration supplied without our free enterprise system. Industry spends millions and millions and millions of dollars each year not only to support the work of thousands of research people but to pioneer in new fields and new ideas to assist in the competi-

tive struggle with each other. Kill competition, which is also a part of the free enterprise system, and you will just as surely kill research. Kill research and you will kill any hope for a more abundant future."

## Enlightenment Is Duty

"It is a challenge to industry to bring to the public a knowledge and understanding of our great research achievements and what they mean to our daily lives—and further, that this progress could be accomplished only through our free enterprise system," Mr. Haggerson declared. "It is our duty to enlighten all and to protect the things that have made this nation of ours the strongest and happiest in the world."

The citation read at the dinner stated that Mr. Haggerson has been an outstanding example of the modern executive in a manufacturing enterprise, employing industrial research as an effective aid in the achievement of commendable business objectives. A considerable part of this research has been metallurgical in nature, dealing with new alloys and their properties, alloying and accessory steel-welding methods and the application of oxygen and acetylene in steelmaking.

Mr. Haggerson has been associated with Union Carbide and Carbon Corporation for 30 years, and was elected President of the Corporation in 1944. He is the seventh industrial leader to receive the Medal for the Advancement of Research since it was established in 1943.

## Controllers Get Sole Possession Of First Place

The Controllers broke that tie that previously existed in the W League last Thursday night as they defeated the Hi Balls for two out of three points while the Kemps were taking the Dodgers to town by the same margin, relegating the Dodgers to second spot. The Kemps ended up in third place with the margin between the three top teams just the thickness of sheer nylons.

## Rattlers Make Clean Sweep

In other matches of the night the Wolves picked two points from the Pick Ups while the Rattlers got the only three-point sweep of the session by trimming the Spinners.

In marching into first place the Controllers took most of the team scoring honors with a 741 scratch game, 2,048 scratch series and 2,807 handicap series. The Hi Balls had the best handicap single game with 986.

## Individual Honors Divided

Individual scoring honors were divided four ways. Lucille Townsend posted a 168 scratch single game. Mabel Tyler had the best scratch series of 440. Opal Hamilton rolled a 228 handicap single game and Ann Hamilton a 601 handicap series.

## League standing follows:

Team	W	L	Team	W	L
Controllers	24	9	Pick Ups	13	20
Dodgers	23	10	Hi Balls	13	20
Kemps	22	11	Rattlers	12	21
Wolves	14	19	Spinners	11	22

## Borkowski To Lead Session Of Ridge Physics Seminar

C. J. Borkowski, of the Chemical Division of the Oak Ridge National Laboratory, will be the principal speaker at the weekly meeting of the Oak Ridge Physics Seminar at 4 o'clock Friday afternoon, December 16. The meeting will be held in the East Lounge of the Ridge Recreation Hall.

The topic of the session will be "Proportional Counter Spectrometer." All Y-12 scientists interested in the meeting are urged to attend.

He that falls in love with himself will have few rivals.

## 500 Youngsters Seen Attending Xmas Party

(Continued From Page 1)

stocking filled with fruit and a gift for every youthful guest.

## Adults Party On December 22

Y-12 will be all dolled up this week with its annual Christmas tree at the North Portal and the traditional broadcast of Christmas carols at all three portals during the hours most folks are coming and going from work. So that brings a reminder of the annual Christmas Dance-Party to be staged under the auspices of the Recreation Office for the grown-ups in the plant on next Thursday night, December 22. The Dance-Party will be given at the beautiful Oak Terrace, beginning at 9 p.m. and continuing until 1 a.m.

For years now these Christmas Dance-Parties have been a highlight in the social life of the plant—when folks can get together to extend best seasonal wishes and have an all-around good time. Plans for the 1949 shindig indicate the affair this year will provide just as much fun as those in the past—which means everyone who can possibly attend should do so.

## Lots Of Entertainment Assured

There will be lots of dancing, some top-flight entertainment during intermissions and a handsome door prize will be awarded. Johnny Baker and his orchestra will provide music for the entertainment.

Tickets for the Dance-Party already have been distributed throughout the plant and may be obtained from such personages as R. S. Phillippi, Bldg. 9212; John S. Reece, Bldg. 9206; Frank Darby, Bldg. 9737; Bill Morgan, Bldg. 9739; W. O. Watson, Bldg. 9706-1; G. J. Nettle, Bldg. 9733-3; Charlie Green, Bldg. 9201-3; Love I. Thompson, Bldg. 9766; the cashier's office in Bldg. 9402-2 or the Recreation Office. The tickets sell for \$1 per person, including tax.

## BENEFITS ARE SEEN

The New York Herald Tribune believes that benefits could arise out of the reported Soviet achievement of atomic explosion in that a return of popular interest in atomic problems might yet find a way to break the deadlock in the United Nations and international relations over atomic energy control.

## Y-12ers Defeated By ORNL Team In Badminton

The Y-12 badminton team could win but three matches from the Oak Ridge National Laboratory folks last Thursday at the old Jefferson Junior High School gymnasium and lost an 8 to 3 decision to the Labsters.

The Y-12ers split even in men's singles. Mal Wallis beat M. Silverman 16-15, 15-6 and Fred Hurst defeated R. Presley, 15-5 and 16-15. ORNL triumphs were scored by C. Higgins over A. Valado 15-11, 15-4; and J. Gost over Joe Culver 15-11, 15-0.

In women's singles Helen Lane, of ORNL, beat L. Valado 11-0, 11-1 and Jane Vaughn, of the Lab, licked Phyllis Wallis 11-5, 11-4. Lane and Vaughn beat L. Valado and M. Wallace in women's doubles 15-7, 15-7.

The other Y-12 victory came in men's doubles when Wallis and Valado defeated Silverman and Presley 15-10, 15-7. Higgins and Gost took a hard-fought match from Culver and Hurst 15-12, 8-15, 18-15. In mixed doubles Higgins and Lane beat Wallis and Wallis 15-4, 17-16 and Silverman and Vaughn trimmed Valado and Valado 15-4, 6-15, 15-7.

The Y-12 team will meet Fairchild Thursday night of this week at the Jefferson court.

## Clewitt To Address Ridge Cinema Club

A short talk by Glenn H. Clewitt, of Y-12, vice president of the group, will feature a meeting of the Oak Ridge Cinema Club at 8 o'clock Thursday night at the Ridge Recreation Hall. He will speak on the making of home movies for Christmas. C. S. Harrill, formerly of Y-12 and now with the Oak Ridge National Laboratory, is president of the club and Keith Brown, of Y-12, is secretary.

In addition to the Clewitt talk, there will be a display of modern home movie making equipment for inspection by members.

He who has a thousand friends has not a friend to spare, and he who has one enemy will meet him everywhere.